



## RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/873,319  
Source: O/PE  
Date Processed by STIC: 6/26/2001

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**FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.**

**FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.**

**PATENTIN 2.1 e-mail help: [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or phone 703-306-4119 (R. Wax)**

**PATENTIN 3.0 e-mail help: [patin3help@uspto.gov](mailto:patin3help@uspto.gov) or phone 703-306-4119 (R. Wax)**

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The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

**Checker Version 3.0 can be down loaded from the USPTO website at the following address:**

**<http://www.uspto.gov/web/offices/pac/checker>**

OIPE

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/873,319

DATE: 06/26/2001

TIME: 08:49:21

Input Set : N:\jumbos\G15029bk.txt

Output Set: N:\CRF3\06262001\I873319.raw

3 <110> APPLICANT: Munger, William E.  
4 Kulkarni, Prakash  
5 Getzenberg, Robert H.  
6 Waga, Iwao  
7 Yamamoto, Jun  
9 <120> TITLE OF INVENTION: Identifying Drugs for and Diagnosis of Benign Prostatic  
10 Hyperplasia Using Gene Expression Profiles  
12 <130> FILE REFERENCE: 44921-5029-US  
OK> 14 <140> CURRENT APPLICATION NUMBER: US/09/873,319  
15 <141> CURRENT FILING DATE: 2001-06-05  
17 <150> PRIOR APPLICATION NUMBER: US 60/223,323  
18 <151> PRIOR FILING DATE: 2000-08-07  
E--> 20 <160> NUMBER OF SEQ ID NOS: 746 748 (next page)  
22 <170> SOFTWARE: PatentIn Ver. 2.1

ERRORED SEQUENCES

<210> 748  
 <211> 1830  
 <212> DNA  
 <213> Homo sapiens

*last sequence in file*

<220>  
 <223> Genbank Accession No. M64594

<400> 748  
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 tccacaagtc acgccacctc tcttctgtg actgacctt cctcagcatc cacaagtcac 120  
 gccacctctc ttcttgtcac cgacgcttcc tcagtatcca caggtgacac caccctctt 180  
 cctgtcaccg acaacttctc agcatccaca ggtgacacca cccctcttca tgtcaccgac 240  
 gcttctcag tatccacagg tcacgccacc cctcttcatg tcaccagcct ttctcagta 300  
 tccacaggtg acaccacgcc tcttctgtg actagccctt cctcagcatc ctcaggtcac 360  
 gccacctctc ttcttgtcac cgacgcttcc tcactctcca caggtcacgc cactctctt 420  
 catgtcaccg acgcttctc agtatccaca ggtcacgcca ccttcttca tgtcaccgac 480  
 gcttctcag catccacagg ccacaccacc tctcttctg tcaccgacgc ttctcagta 540  
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 accaccctc ttcatgtcac cgacgcttcc tcagtatcca caggtcacgc caccctctt 660  
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 cctgtcacca gcccttctc agcatccaca ggtcacgcca cccctcttcc tgtcaccgac 960  
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 cctgtcaccg acaacttctc agtatccaca ggcgacacca cccctcttct tgtcaccgac 1200  
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 tccacaggtc acgccacccc tcttctgtg accgacctt cctcagcatc cacaggtcac 1560  
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 gccaccctc ttcttgtcac cgaccttcc 1830

*FYI*

**Please Note:**

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

VERIFICATION SUMMARY  
PATENT APPLICATION: US/09/873,319

DATE: 06/26/2001  
TIME: 08:49:27

Input Set : N:\jumbos\G15029bk.txt  
Output Set: N:\CRF3\06262001\I873319.raw

L:14 M:270 C: Current Application Number differs, Replaced Application Number  
L:15 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:76 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3  
L:92 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4  
L:94 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4  
L:130 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6  
L:131 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6  
L:151 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7  
L:184 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9  
L:185 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9  
L:188 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9  
L:189 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9  
L:190 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9  
L:228 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11  
L:229 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11  
L:230 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11  
L:264 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13  
L:265 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13  
L:284 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14  
L:301 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15  
L:302 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15  
L:303 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15  
L:304 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15  
L:305 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15  
L:308 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15  
L:329 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16  
L:330 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16  
L:352 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17  
L:353 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17  
L:354 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17  
L:355 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17  
L:393 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19  
L:415 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20  
L:416 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20  
L:417 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20  
L:418 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20  
L:441 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21  
L:492 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24  
L:513 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25  
L:518 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25  
L:519 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25  
L:535 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26  
L:544 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26  
L:567 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27  
L:568 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27  
L:569 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27  
L:585 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28  
L:587 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/873,319

DATE: 06/26/2001

TIME: 08:49:27

Input Set : N:\jumbos\G15029bk.txt

Output Set: N:\CRF3\06262001\I873319.raw

L:631 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30

L:690 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33

L:691 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33

L:709 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34

L:20 M:203 E: No. of Seq. differs, <160> Number Of Sequences:Input (746) Counted (748)